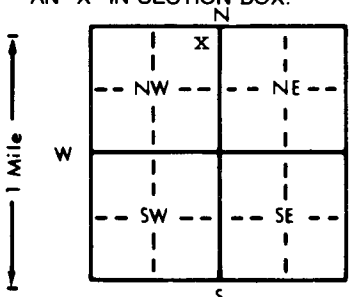


1 LOCATION OF WATER WELL: County: <u>Wyandotte</u>		Fraction <u>1/4 NE 1/4 NW 1/4</u>		Section Number <u>4</u>	Township Number <u>T 11 S</u>	Range Number <u>R 24 EW</u>																																				
Distance and direction from nearest town or city street address of well if located within city? <u>7705 Parallel Avenue, Kansas City, Kansas</u>																																										
2 WATER WELL OWNER: <u>Amoco Oil Company</u> RR#, St. Address, Box #: <u>8700 Indian Creek Parkway</u> City, State, ZIP Code: <u>Overland Park, Kansas</u> Board of Agriculture, Division of Water Resources Application Number: _____																																										
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;"></div>		4 DEPTH OF COMPLETED WELL <u>18.5</u> ft. ELEVATION: _____ ft. Depth(s) Groundwater Encountered 1. <u>19.2</u> ft. 2. _____ ft. 3. _____ ft. WELL'S STATIC WATER LEVEL <u>8.27</u> ft. below land surface measured on mo/day/yr <u>3/2/90</u> Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm Bore Hole Diameter <u>7</u> in. to _____ ft., and _____ in. to _____ ft. WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 <u>Monitoring well</u> Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> ; If yes, mo/day/yr sample was submitted _____ Water Well Disinfected? Yes _____ No <u>X</u>																																								
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass Threaded <u>X</u> Blank casing diameter <u>2</u> in. to <u>5.0</u> ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft. Casing height above land surface <u>-0.35</u> ft. in. weight _____ lbs./ft. Wall thickness or gauge No. <u>SCH 40 PVC</u> TYPE OF SCREEN OR PERFORATION MATERIAL: 7 <u>PVC</u> 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____ 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot 3 <u>Mill slot</u> 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____ SCREEN-PERFORATED INTERVALS: From <u>5.0</u> ft. to <u>18.5</u> ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>4.0</u> ft. to <u>19.5</u> ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.																																										
6 GROUT MATERIAL: 1 Neat cement 2 <u>Cement grout</u> 3 <u>Bentonite</u> 4 Other _____ Grout Intervals: From <u>0</u> ft. to <u>2.0</u> ft. From <u>2.0</u> ft. to <u>4.0</u> ft. From _____ ft. to _____ ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) _____ 13 Insecticide storage _____ Direction from well? <u>NW</u> How many feet? <u>10'</u>																																										
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th><th>FROM</th><th>TO</th><th>PLUGGING INTERVALS</th></tr></thead><tbody><tr><td>0</td><td>1.5'</td><td>Fill, 0.4' asphalt over weathered shale and green lean clay, hydrocarbon odor</td><td>11.5</td><td>12.5</td><td>Shale, multicolored, weathered, moist, soft, strong odor</td></tr><tr><td>1.5</td><td>7.5'</td><td>Lean Clay, green-brown with black mottles, soft, moist, strong hydrocarbon odor (loess)</td><td>12.5</td><td>13.5</td><td>Becoming less weathered, dry, no odor</td></tr><tr><td>7.5</td><td>9.8</td><td>Lean to fat clay, brown, yellow, red mottled with sand and pebbles coarser grained at bottom, moist, firm, slight odor (glacial till)</td><td>13.5</td><td>15.0</td><td>Becoming moist, soft</td></tr><tr><td>9.8</td><td>11.5'</td><td>Fat clay, orangish-yellow and brownish-red, with weathered limestone stringers, moist, soft to firm, very slight odor</td><td>15.0</td><td>17.5</td><td>Becoming maroon and brown mottled</td></tr><tr><td></td><td></td><td></td><td>17.5</td><td>19.5</td><td>Becoming dark gray, very firm.</td></tr></tbody></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	1.5'	Fill, 0.4' asphalt over weathered shale and green lean clay, hydrocarbon odor	11.5	12.5	Shale, multicolored, weathered, moist, soft, strong odor	1.5	7.5'	Lean Clay, green-brown with black mottles, soft, moist, strong hydrocarbon odor (loess)	12.5	13.5	Becoming less weathered, dry, no odor	7.5	9.8	Lean to fat clay, brown, yellow, red mottled with sand and pebbles coarser grained at bottom, moist, firm, slight odor (glacial till)	13.5	15.0	Becoming moist, soft	9.8	11.5'	Fat clay, orangish-yellow and brownish-red, with weathered limestone stringers, moist, soft to firm, very slight odor	15.0	17.5	Becoming maroon and brown mottled				17.5	19.5	Becoming dark gray, very firm.
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>2/27/90</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>416</u> This Water Well Record was completed on (mo/day/yr) <u>3/7/90</u> under the business name of <u>Terracon Consultants</u> by (signature) <u>[Signature]</u>																																										
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																										